

Exercice 3 (suite)

$$\begin{aligned} \text{b)} \quad & 700 \times 10^6 \times 350 \times 10^2 \\ & = 700 \times 350 \times 10^6 \times 10^2 \\ & = 245\,000 \times 10^8 \\ & = 2,45 \times 10^5 \times 10^8 \\ & = 2,45 \times 10^{13} \end{aligned}$$

$$\begin{aligned} \text{c)} \quad & 280 \times 10^5 \times 50 \times 10^{-4} \\ & = 280 \times 50 \times 10^5 \times 10^{-4} \\ & = 14\,000 \times 10^1 \\ & = 1,4 \times 10^4 \times 10^1 \\ & = 1,4 \times 10^5 \end{aligned}$$

$$\begin{aligned} \text{d)} \quad & 65 \times 10^{-5} \times 0,7 \times 10^{-6} \\ & = 65 \times 0,7 \times 10^{-5} \times 10^{-6} \\ & = 45,5 \times 10^{-11} \\ & = 4,55 \times 10^1 \times 10^{-11} \\ & = 4,55 \times 10^{-20} \end{aligned}$$